



Dart Aerospace Ltd.
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Canada

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Handwritten signature

D5473-045
Job Sheet 184406



Part No: D5473-045

Job Qty: 2 ea

Part Name: Fuel Gauge Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/9/18

Job Tracking No:

Due Date: 11/2/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: D5473 REV.A IPP REV:A 17.10.24 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea		11/2/18	0.00	0.00	Start Up Small Fab		<i>Smf5</i>
100	Small Fab	2 pcs		11/2/18	0.00	0.50	Small Fab-2		<i>SD 18-10-30</i>
110	QC	2 pcs		11/2/18	0.00	0.00	QC5		<i>18-10-31</i>
120	Packaging	2 pcs		11/2/18	0.00	0.00	Packaging3-2	<i>5-244</i>	<i>OCT 31 2018</i>
130	QC21-SA	2 Ea		11/2/18	0.00	0.00	QC21		<i>9-89 DAS 21 9-89</i>

Part Op 100 - 1- ASSEMBLE AS PER DWG
Descriptions: 110 - 1- LOAD CALIBRATION FILE PER THE INSTRUCTION (SEE NOTE 8) AS PER DWG

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D5473-1	Fuel Gauge <i>GA119</i>	2 Ea (1 ea)	90-Start up Operation	<i>5102788</i>
MS28042-1A	Clamp - Instrument Mount <i>ST075</i>	2 Ea (1 ea)	90-Start up Operation	<i>SCS8170</i>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D5473-1	2	9	0
	MS28042-1A	2	10	0

Part Specifications

Specifications could not be found.



Container No: S116881



Part: D5473 - 045

Job No: 184406

Serial No/Batch: S116881

Revision: A

Inspector:

Exp Date:

Instructions: Various STC's

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CANADA
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www.dartaerospace.com

1:06 AM Dart.lajeunesse.marie

Date: 10/10/18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																																
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								Lead hand / Supervisor Approval Verification																																																															
								QC / QA Coordinator Approval																																																															
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vaReceived Command: VA
 Invalid Command for this menu
 [MAP]>mReceived Command: M

Current Settings for INPUT MAPPING MENU

1. Map IN A _____	3915.000000	2. Map OUT A _____	0.000000
3. Map IN B _____	3675.000000	4. Map OUT B _____	4.120000
5. Map IN C _____	3400.000000	6. Map OUT C _____	10.020000
7. Map IN D _____	3165.000000	8. Map OUT D _____	16.030001
9. Map IN E _____	2960.000000	10. Map OUT E _____	22.000000
11. Map IN F _____	2785.000000	12. Map OUT F _____	27.980000
13. Map IN G _____	2620.000000	14. Map OUT G _____	34.020000
15. Map IN H _____	0.000000	16. Map OUT H _____	0.000000
17. Map IN I _____	0.000000	18. Map OUT I _____	0.000000
19. Map IN J _____	0.000000	20. Map OUT J _____	0.000000
21. Map Enabled _____	1	22. Extrapolation _____	1

INPUT MAPPING MENU

To SET a value: Type S followed by the item number and the new value.

Current Input Readings

Bus Voltage: 26.85V
 Raw Primary Input: 9374.9443
 Displayed Value: 0.00
 Needle Degrees: 44.92

Input Map ends at line G

Type M for Menu

Type H for Help

[MAP]>vaReceived Command: VA
 Invalid Command for this menu
 [MAP]>VAreceived Command: VA
 Invalid Command for this menu
 [MAP]>xxReceived Command: XX
 Invalid Command for this menu
 [MAP]>xReceived Command: X

Exiting Back to Main Menu

Electronics International, TR-1 2.15

FW Tracking Number 9

Model: TR-1-FL-D1

MAIN MENU

Enter one of the following sub-menu numbers

-
1. INFO - Unit Information Menu (Model, ID, Passwords)
 2. CAL - Input Calibration Menu (Gain, offset, etc.)
 3. MAP - Mapping / Linearization of Analog Input Menu
 4. RCMAP - Ref Chan Map / Linearization of Reference Channel Menu
 5. SYS - Low Level System Calibration Menu

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- 6. IO - Input-Output (RS-232 and Ext I/O) Config Menu
- 7. DIM - Backlight Dimming Calibration Menu
- 8. DIAL - Dial Mapping Menu
- 9. LED - Front LED Warnings Menu
- 10. EXT - External Red-line Warnings Menu
- 11. RESTORE - Configuration Restoration Management
- 12. DATA - Data Retrieval Menu
- 13. TEST - Input - Output Tests
- 14. MFG - For EI Manufacturing use only

VA - View all the current values (the complete listing)

S - Set a new value. Type 'S' followed by the item number and the value

VC - View any unsaved changes

PW ***** - Enter the password in order to change values

X or EXIT - Save changes and exit configuration menu

QUIT - Quit WITHOUT saving any changes

H or M - Show this menu again

? - Show general help information

Password at level 2: (0)

[MAIN]>vaReceived Command: VA

ALL Configuration Data MAIN MENU

Item#, Name, Current Value

1,Model Name,TR-1-FL-D1
3,Unit ID,206819
4,MFG Date,20180809
5,Input Type,2
6,Switch Input,0
7,RS232 Output,0
8,RS232 Input,0
9,RS232 Baud Rate,57600
10,RS232 Output Rate,500
11,HW Version,1
14,Backlight Type ,0
15,Photocell Low,10
16,Photocell High,2700
17,Pot Low,9
18,Pot High,424
19,Pot Low Threshold,12
20,Digits Dim,3.000000
21,Digits Bright,60.000000
22,Dial Dim,9.000000
23,Dial Bright,80.000000
24,Constant,800
25,LED Maximum,100
26,LED Minimum,5
27,Pot Ratiometric,0.000000
32,5V Calibration,0
33,Ref Ch Gain,1.000000
34,Ref Ch Offset,0.000000
35,Ref Ch Map Enabled,0
36,Ref Ch Filter,20
37,Ref Chan Ratiometric,3.000000
38,Gain,1.000000
39,Offset,0.000000
40,Reference Chan,0
41,Allow Neg,0

42,Filter,60
43,Dejitter,3
44,Rounding,0.500000
45,Decimal Plcs,1
46,Zero Snap,1.000000
47,KFactor,0.000000
48,Map Enabled,1
49,Input at Maximum,0.000000
50,Spike Filter,1200.000000
51,Ratiometric,0.000000
52,Raw Gain,1.000000
53,Raw Offset,0.000000
56,Needle Hardstop,286.000000
57,Needle Filter,1000
58,Needle Dejitter,3
59,BV Gain,1.000000
60,BV Offset,0.000000
61,BV Filter,400
62,Needle Home,45.000000
63,Maximum Value,0.000000
66,Extrapolation,1
67,Map IN A,3915.000000
68,Map OUT A,0.000000
69,Map IN B,3675.000000
70,Map OUT B,4.120000
71,Map IN C,3400.000000
72,Map OUT C,10.020000
73,Map IN D,3165.000000
74,Map OUT D,16.030001
75,Map IN E,2960.000000
76,Map OUT E,22.000000
77,Map IN F,2785.000000
78,Map OUT F,27.980000
79,Map IN G,2620.000000
80,Map OUT G,34.020000
81,Map IN H,0.000000
82,Map OUT H,0.000000
83,Map IN I,0.000000
84,Map OUT I,0.000000
85,Map IN J,0.000000
86,Map OUT J,0.000000
87,Digit Value A,0.000000
88,Dial Deg A,45.000000
89,Digit Value B,34.000000
90,Dial Deg B,255.000000
91,Digit Value C,40.000000
92,Dial Deg C,270.000000
93,Digit Value D,0.000000
94,Dial Deg D,0.000000
95,Digit Value E,0.000000
96,Dial Deg E,0.000000
97,Digit Value F,0.000000
98,Dial Deg F,0.000000
99,Digit Value G,0.000000
100,Dial Deg G,0.000000
101,Digit Value H,0.000000
102,Dial Deg H,0.000000
103,Digit Value I,0.000000
104,Dial Deg I,0.000000
105,Digit Value J,0.000000
106,Dial Deg J,0.000000
107,LED1 Start A,0.000000
108,LED1 End A,0.000000

109,LED1 Start B,0.000000
110,LED1 End B,0.000000
111,LED1 Start C,0.000000
112,LED1 End C,0.000000
113,LED1 Start D,0.000000
114,LED1 End D,0.000000
115,LED1 Start E,0.000000
116,LED1 End E,0.000000
117,LED2 Start A,0.000000
118,LED2 End A,0.000000
119,LED2 Start B,0.000000
120,LED2 End B,0.000000
121,LED2 Start C,0.000000
122,LED2 End C,0.000000
123,LED2 Start D,0.000000
124,LED2 End D,0.000000
125,LED2 Start E,0.000000
126,LED2 End E,0.000000
127,Red Output Start A,0.000000
128,Red Output End A,10.000000
129,Red Output Start B,0.000000
130,Red Output End B,0.000000
131,Red Output Start C,0.000000
132,Red Output End C,0.000000
133,Red Output Start D,0.000000
134,Red Output End D,0.000000
135,Red Output Start E,0.000000
136,Red Output End E,0.000000
137,Yellow Out Start A,0.000000
138,Yellow Out End A,30.000000
139,Yellow Out Start B,0.000000
140,Yellow Out End B,0.000000
141,Yellow Out Start C,0.000000
142,Yellow Out End C,0.000000
143,Yellow Out Start D,0.000000
144,Yellow Out End D,0.000000
145,Yellow Out Start E,0.000000
146,Yellow Out End E,0.000000
147,LED1 Warn Delay,0
148,LED1 Warn Delay,0
149,Red Ext Warn Delay,0
150,Yel Ext Warn Delay,0
152,RC Map IN A,0.000000
153,Map OUT A,0.000000
154,RC Map IN B,0.000000
155,Map OUT B,0.000000
156,RC Map IN C,0.000000
157,Map OUT C,0.000000
158,RC Map IN D,0.000000
159,Map OUT D,0.000000
160,RC Map IN E,0.000000
161,Map OUT E,0.000000
162,RC Map IN F,0.000000
163,Map OUT F,0.000000
164,RC Map IN G,0.000000
165,Map OUT G,0.000000
166,RC Map IN H,0.000000
167,Map OUT H,0.000000
168,RC Map IN I,0.000000
169,Map OUT I,0.000000
170,RC Map IN J,0.000000
171,Map OUT J,0.000000

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Version: TR-1 2.15
FW Tracking Number 9

Current Input Readings
Bus Voltage: 26.85V
Raw Primary Input: 9374.9443
Displayed Value: 0.00
Needle Degrees: 44.92

Backlight Current Values
Backlight Control Type = 0 (Photocell)
Photocell Input: 1284
Pot Input: 11
Digit Output: 29.99
Illum Output 42.62
Bus Voltage: 26.8481

MAIN MENU, Press M for Menu
To SET a value: Type S followed by the item number and the new value.
[MAIN]>xReceived Command: X

No Changes Made. Exiting Command Mode

Electronics International, TR-1
y[MAIN]>m'Received Command: M'
Invalid Command for this menu
[MAIN]>'Received Command: '
Invalid Command for this menu
[MAIN]>,\mReceived Command: M

Electronics International, TR-1 2.15
FW Tracking Number 9
Model: TR-1-FL-D1

MAIN MENU
Enter one of the following sub-menu numbers

-
1. INFO - Unit Information Menu (Model, ID, Passwords)
 2. CAL - Input Calibration Menu (Gain, offset, etc.)
 3. MAP - Mapping / Linearization of Analog Input Menu
 4. RCMAP - Ref Chan Map / Linearization of Reference Channel Menu
 5. SYS - Low Level System Calibration Menu
 6. IO - Input-Output (RS-232 and Ext I/O) Config Menu
 7. DIM - Backlight Dimming Calibration Menu
 8. DIAL - Dial Mapping Menu
 9. LED - Front LED Warnings Menu
 10. EXT - External Red-line Warnings Menu
 11. RESTORE - Configuration Restoration Management
 12. DATA - Data Retrieval Menu
 13. TEST - Input - Output Tests
 14. MFG - For EI Manufacturing use only

VA - View all the current values (the complete listing)
S - Set a new value. Type 'S' followed by the item number and the value
VC - View any unsaved changes
PW ***** - Enter the password in order to change values

D350-794-CAL2 SN206819

X or EXIT - Save changes and exit configuration menu
QUIT - Quit WITHOUT saving any changes
H or M - Show this menu again
? - Show general help information
Password at level 2: (0)
[MAIN]>

vaReceived Command: VA

ALL Configuration Data MAIN MENU
Item#, Name, Current Value

1,Model Name,TR-1-FL-D1
3,Unit ID,206821
4,MFG Date,20180809
5,Input Type,2
6,Switch Input,0
7,RS232 Output,0
8,RS232 Input,0
9,RS232 Baud Rate,57600
10,RS232 Output Rate,500
11,HW Version,1
14,Backlight Type ,0
15,Photocell Low,10
16,Photocell High,2700
17,Pot Low,9
18,Pot High,424
19,Pot Low Threshold,12
20,Digits Dim,3.000000
21,Digits Bright,60.000000
22,Dial Dim,9.000000
23,Dial Bright,80.000000
24,Constant,800
25,LED Maximum,100
26,LED Minimum,5
27,Pot Ratiometric,0.000000
32,5V Calibration,0
33,Ref Ch Gain,1.000000
34,Ref Ch Offset,0.000000
35,Ref Ch Map Enabled,0
36,Ref Ch Filter,20
37,Ref Chan Ratiometric,3.000000
38,Gain,1.000000
39,Offset,0.000000
40,Reference Chan,0
41,Allow Neg,0
42,Filter,60
43,Dejitter,3
44,Rounding,0.500000
45,Decimal Plcs,1
46,Zero Snap,1.000000
47,KFactor,0.000000
48,Map Enabled,1
49,Input at Maximum,0.000000
50,Spike Filter,1200.000000
51,Ratiometric,0.000000
52,Raw Gain,1.000000
53,Raw Offset,0.000000
56,Needle Hardstop,286.000000
57,Needle Filter,1000
58,Needle Dejitter,3
59,BV Gain,1.000000
60,BV Offset,0.000000
61,BV Filter,400
62,Needle Home,45.000000

63,Maximum Value,0.000000
66,Extrapolation,1
67,Map IN A,3915.000000
68,Map OUT A,0.000000
69,Map IN B,3675.000000
70,Map OUT B,4.120000
71,Map IN C,3400.000000
72,Map OUT C,10.020000
73,Map IN D,3165.000000
74,Map OUT D,16.030001
75,Map IN E,2960.000000
76,Map OUT E,22.000000
77,Map IN F,2785.000000
78,Map OUT F,27.980000
79,Map IN G,2620.000000
80,Map OUT G,34.020000
81,Map IN H,0.000000
82,Map OUT H,0.000000
83,Map IN I,0.000000
84,Map OUT I,0.000000
85,Map IN J,0.000000
86,Map OUT J,0.000000
87,Digit Value A,0.000000
88,Dial Deg A,45.000000
89,Digit Value B,34.000000
90,Dial Deg B,255.000000
91,Digit Value C,40.000000
92,Dial Deg C,270.000000
93,Digit Value D,0.000000
94,Dial Deg D,0.000000
95,Digit Value E,0.000000
96,Dial Deg E,0.000000
97,Digit Value F,0.000000
98,Dial Deg F,0.000000
99,Digit Value G,0.000000
100,Dial Deg G,0.000000
101,Digit Value H,0.000000
102,Dial Deg H,0.000000
103,Digit Value I,0.000000
104,Dial Deg I,0.000000
105,Digit Value J,0.000000
106,Dial Deg J,0.000000
107,LED1 Start A,0.000000
108,LED1 End A,0.000000
109,LED1 Start B,0.000000
110,LED1 End B,0.000000
111,LED1 Start C,0.000000
112,LED1 End C,0.000000
113,LED1 Start D,0.000000
114,LED1 End D,0.000000
115,LED1 Start E,0.000000
116,LED1 End E,0.000000
117,LED2 Start A,0.000000
118,LED2 End A,0.000000
119,LED2 Start B,0.000000
120,LED2 End B,0.000000
121,LED2 Start C,0.000000
122,LED2 End C,0.000000
123,LED2 Start D,0.000000
124,LED2 End D,0.000000
125,LED2 Start E,0.000000
126,LED2 End E,0.000000
127,Red Output Start A,0.000000

128,Red Output End A,10.000000
 129,Red Output Start B,0.000000
 130,Red Output End B,0.000000
 131,Red Output Start C,0.000000
 132,Red Output End C,0.000000
 133,Red Output Start D,0.000000
 134,Red Output End D,0.000000
 135,Red Output Start E,0.000000
 136,Red Output End E,0.000000
 137,Yellow Out Start A,0.000000
 138,Yellow Out End A,30.000000
 139,Yellow Out Start B,0.000000
 140,Yellow Out End B,0.000000
 141,Yellow Out Start C,0.000000
 142,Yellow Out End C,0.000000
 143,Yellow Out Start D,0.000000
 144,Yellow Out End D,0.000000
 145,Yellow Out Start E,0.000000
 146,Yellow Out End E,0.000000
 147,LED1 warn Delay,0
 148,LED1 warn Delay,0
 149,Red Ext Warn Delay,0
 150,Yel Ext Warn Delay,0
 152,RC Map IN A,0.000000
 153,Map OUT A,0.000000
 154,RC Map IN B,0.000000
 155,Map OUT B,0.000000
 156,RC Map IN C,0.000000
 157,Map OUT C,0.000000
 158,RC Map IN D,0.000000
 159,Map OUT D,0.000000
 160,RC Map IN E,0.000000
 161,Map OUT E,0.000000
 162,RC Map IN F,0.000000
 163,Map OUT F,0.000000
 164,RC Map IN G,0.000000
 165,Map OUT G,0.000000
 166,RC Map IN H,0.000000
 167,Map OUT H,0.000000
 168,RC Map IN I,0.000000
 169,Map OUT I,0.000000
 170,RC Map IN J,0.000000
 171,Map OUT J,0.000000

Version: TR-1 2.15
 FW Tracking Number 9

Current Input Readings
 Bus Voltage: 26.99V
 Raw Primary Input: 9378.7148
 Displayed Value: 0.00
 Needle Degrees: 44.92

Backlight Current Values
 Backlight Control Type = 0 (Photocell)
 Photocell Input: 1314
 Pot Input: 10
 Digit Output: 19.90
 Illum Output 30.06
 Bus Voltage: 26.9943

CAL-D350-794-2 SN206821

MAIN MENU, Press M for Menu

To SET a value: Type S followed by the item number and the new value.

[MAIN]>

